Accurian

Networked Home Entertainment System

All items shown below are sold separately. 15-1938 is required for the PowerLine system to work.

PowerLine Digital Audio Sender
Includes Sender and Power cord.

15-1938

PowerLine Amplified Receiver/ Speaker System
Includes Amplified Receiver/Speaker, Satellite Speaker, Speaker Wire, and Power cord.

40-1462

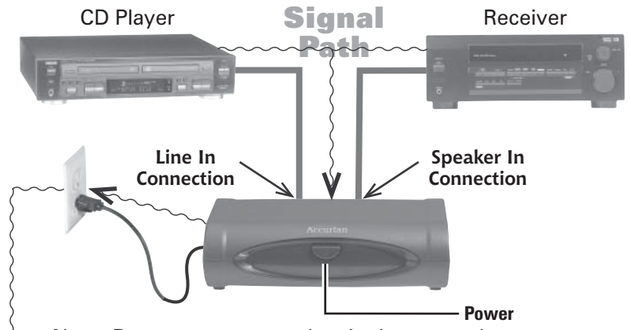
PowerLine Digital Audio Receiver/Amplifier
Includes Receiver/Amplifier and Power cord.

15-1937

Please read this user's guide before installing, setting up and using your new product
www.radioshack.com

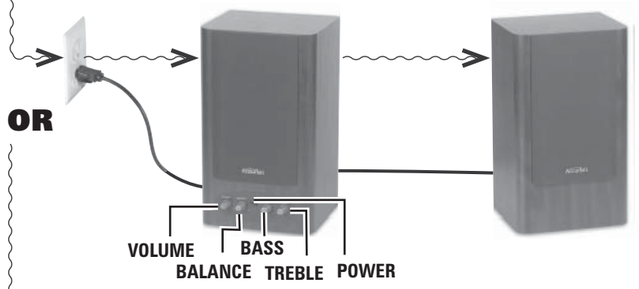
Thank you for buying the RadioShack Networked Home Entertainment System. Now you can send high-quality digital stereo audio to any room in your home that has an AC outlet, without running cable. This system uses the existing AC electrical wiring in your home to send digital signals.

1. Connect an audio source to your PowerLine sender and plug into any AC outlet.

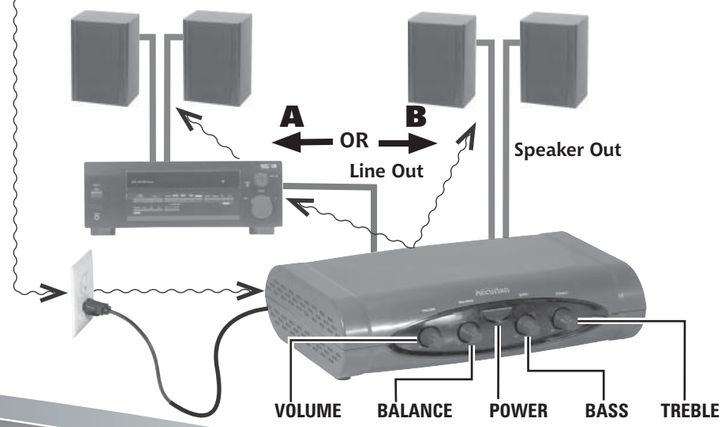


Note: Do not use two senders in the same place.

2. Connect PowerLine speakers to any AC outlet in your home,



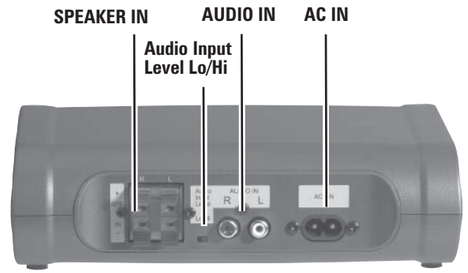
OR, Connect a PowerLine receiver to any AC outlet in your home, and then connect to it, either
A) ...an audio source with speakers, or
B) ...non-PowerLine speakers.



Simply plug the audio outputs of any component – such as an A/V receiver, CD, or MP3 player – into the audio inputs of the sender (#15-1938) and plug the sender into an AC outlet. Then, plug RadioShack PowerLine Digital Receiver/Speakers (# 40-1462) into any electrical outlet in your home. If you have your own speakers, just plug your RadioShack PowerLine Digital Audio Receiver/Amplifier (# 15-1937) into any electrical outlet and connect your speakers. Using this receiver, you can control the volume, balance, bass and treble of your remote speakers. Best of all, the RadioShack Networked Home Entertainment System is completely portable.

connecting your Sender

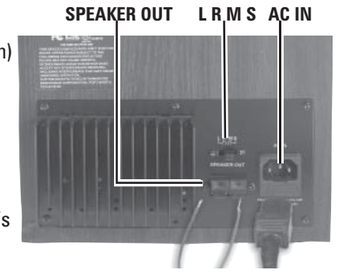
1. Make certain that your audio source is powered off.
2. Connect the line level stereo outputs from the audio source, such as a CD player to the sender's **AUDIO IN**. Match LEFT to **L** and RIGHT to **R**.
   Or,
   Connect the surround or speaker outputs from your Home Theater System or A/V receiver to the sender's **SPEAKER IN**.
   DO NOT connect both cables to the sender's **AUDIO IN** and **SPEAKER IN**.
3. Connect the AC power cord's female plug end into **AC IN**, and then plug the AC cord's other end into a standard AC outlet.
4. Turn on the audio source, and then press the **POWER** button on your sender.
   Your sender's **Audio Input Level Lo/Hi** is preset to Lo. If you hear volume distortion, adjust the Audio Input Level Lo/Hi to Hi.



Sender Rear View

connecting your speaker system

1. Split apart about 4 inches (10.16 cm) of speaker wire on each end. Then use a wire stripper to strip 1/2 in. (1.27 cm) of insulation from each wire's end.
2. Connect one end of the wire to **SPEAKER OUT** on the Amplified Receiver / Speaker. (Be sure to match the polarity of the wires when making your connection.)
3. Connect the other end to the satellite speaker. Be sure to correctly match polarity.
4. Insert the AC power cord's female plug end into the receiver/speaker's **AC IN** jack, and then plug the AC cord's other end into a standard AC outlet.



Amplified Receiver / Speaker's Rear View

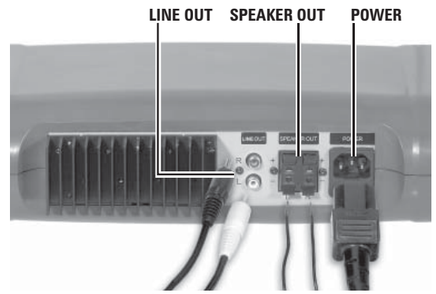
Sattelite Speaker's Rear View

Speaker Settings

- The default setting for your amplified speaker is stereo (S). If you connect two pairs of the 40-1462, you must set one to left (L) and one to right (R).
- If you use a single Amplified Receiver / Speaker, set LRMS to mono (M).

connecting your amplifier / receiver

1. Power off all system devices before making any connections.
2. Connect a matching set of speakers (8 ohms) to the Amplifier / Receiver's **SPEAKER OUT**.
   Or, connect stereo audio cables from the Amplifier / Receiver's **LINE OUT** to the line level inputs on your A/V receiver. (Match LEFT to **L** and RIGHT to **R**).
3. Insert the AC power cord's female plug end into the Amplifier / Receiver's **POWER** jack, and then plug the AC cord's other end into a standard AC outlet.

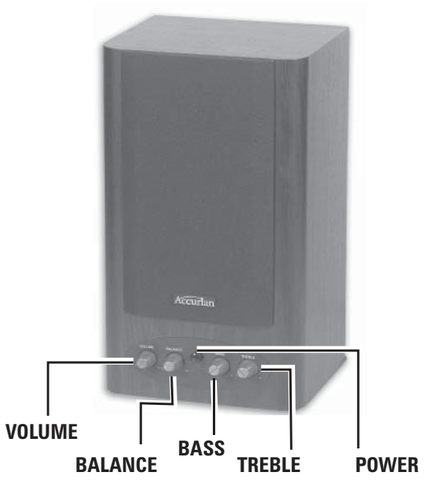


Amplifier / Receiver Rear View

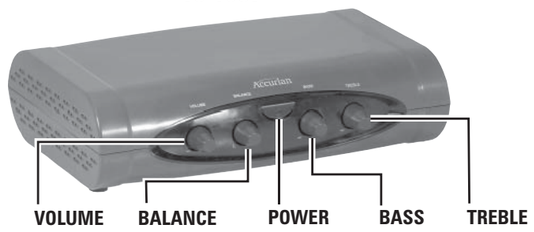
using your entertainment system

1. Rotate **VOLUME** on each receiver counterclockwise to adjust the volume to its lowest sound level.
2. Press **POWER** on each of the individual devices comprising the networked entertainment system to turn them on.
3. Turn on the audio source connected to the sender.
4. Adjust **VOLUME** on each receiver to set a comfortable listening level.
5. Rotate **BALANCE** clockwise to decrease the left speaker's volume sound, and counterclockwise to decrease the right speaker's volume sound.
6. Rotate **BASS** clockwise to increase, or counterclockwise to decrease bass sound.
7. Rotate **TREBLE** clockwise to increase, or counterclockwise to decrease the high frequency sound.
8. To turn off the individual devices, press **POWER** on each one.

40-1462



15-1937



FAQs

How does the system send audio without wires?

The sender converts the audio signal to a 4.3 – 20.9MHz carrier frequency, then sends it through your home power line to a receiver that converts it back to its original form, and then sends it to the amplifier and speakers.

Why won't my system work?

- Make sure each AC power cord connects to the system device and wall outlet securely.
- Make sure the devices are plugged directly into a wall outlet. Do not use a power strip or any other adapter.

Why don't I hear any sound from the system?

- Be sure your sender and receivers are turned on.
- Be sure all wires are connected securely.
- Be sure the audio source is turned on.
- Adjust the receiver's volume control.
- Be sure the amplified speaker system is placed within the sender's 300-foot transmission range.
- Check power connector and fuse if speaker power indicator is not light,

How can I correct for distorted sound?

Reduce the audio source's volume. Make sure your sender's Audio Input Level is set to High.

How can I correct for popping noises or drop outs in the sound?

- Relocate your sender. Your amplified speaker system must be within 300 feet of the sender.
- Try another outlet. Some outlets may have excessive noise from switching devices that your Home Plug can't overcome.
- While using Home Plug, turn off compact fluorescent lights, halogen lights and other devices that may cause interference.

How can I increase my output volume?

To boost your volume, set the sender's Audio Input Level to Low.

How many speakers / receivers can I connect?

Although you can only connect one transmitter, under some conditions you may be able to connect up to 4 or more receivers and speakers.

Can I use this system with other HomePlug or Plug 'n Power products?

Your HomePlug audio system is compatible with other HomePlug products. While there are bandwidth limitations, you should not experience problems, unless you have more than 16 HomePlug devices on the powerline or you have noisy electronics on the power line. Plug 'n Power operates in different bands than HomePlug and shouldn't create interference.

care

Keep the networked home entertainment system dry. If it gets wet, wipe it dry immediately. Use and store it only in room temperature environments. Handle it carefully. Do not drop it. Keep the system away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

If your system is not performing as it should, take it to your local RadioShack store for assistance. To locate your nearest RadioShack, use the store locator feature on RadioShack's website (www.radioshack.com), or call 1-800-The Shack (843-7422) and follow the menu options. Modifying or tampering with the system's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.

important safety instructions

- Read these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for a long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have been fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. Be careful when using the cart and apparatus to avoid injury from tipping over.

KEEP THESE INSTRUCTIONS

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

The lightning symbol is intended to alert you to the presence of uninsulated, dangerous voltage within this product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

The exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

specifications

Sender

Power Source	120VAC 60Hz
Transmission Range	300 feet
Low Audio Input Level	470mV
High Audio Input Level	1100mV
Audio Input Impedance	10k Ohms

Receiver / Amplifier

Audio Output	25W RMS/Channel
Ports	8 Ohms Output Terminal x 2
Frequency Response	50Hz – 20kHz
S/N Ratio	>50 dB
Stereo Separation	>45 dB

Speakers

Speaker Complement	5" Woofer, 1" Tweeter
Frequency Response	50Hz – 20kHz
Power Handling	25W RMS/50W Max (per channel)
Nominal Impedance	8 Ohms
Sensitivity	83dB SPL (at 2V 1W)
Crossover Frequency	10kHz

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice. Actual product may vary from the product images in this document.

FCC information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

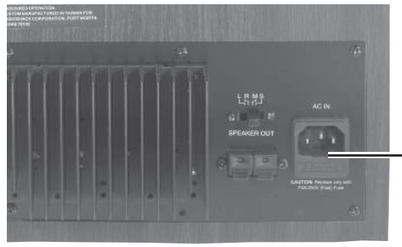
Consult your local RadioShack store or an experienced radio/TV technician for help. If you cannot eliminate the interference, the FCC requires that you stop using your equipment. Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

Product	**Networked Home Entertainment System**
Models	**15-1937 • 15-1938 40-1462**
Responsible Party	**RadioShack 100 Throckmorton Fort Worth, TX 76102**
Phone	**817-415-3200**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

replacing the fuse

1. To remove the fuseholder on the speaker or receiver/amplifier, use a small screwdriver to unclip the fuseholder compartment, and then slide it out.
2. Replace the fuse with a fuse of the same size and capacity.
3. Push the fuseholder compartment back in until it snaps into place.



Fuseholder compartment

limited 90-day warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. For complete warranty details and exclusions, check with your local RadioShack store.

RadioShack Customer Relations
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